


ACTION	Diabetic Ketoacidosis (DKA) Order Set										
<b>Diet</b>											
<input checked="" type="checkbox"/> NPO until normal anion gap and patient able to eat Current Body Weight: _____ kg											
<b>Tests</b>											
<input type="checkbox"/> Venous blood gas now <b>AND</b> 1 hour after start of hydration <input type="checkbox"/> Urea, creatinine, serum glucose, electrolytes q2h <input type="checkbox"/> POC Glucose q1h											
Calculate Anion Gap with each set of electrolyte blood work, target less than 13 $\text{Anion Gap} = \text{Na} - (\text{Cl} + \text{HCO}_3) = \text{Sodium} - (\text{Chloride} + \text{Bicarbonate})$											
<b>IV Therapy</b>											
<input type="checkbox"/> Bolus 0.9% Sodium Chloride _____ mL IV over _____ hours <b>THEN</b> <input type="checkbox"/> Maintenance: 0.9% Sodium Chloride _____ mL/h <input type="checkbox"/> Maintenance: 0.9% Sodium Chloride _____ mL/h <input checked="" type="checkbox"/> Once serum glucose less than or equal to 14 mmol/L change IV fluids to D5W / 0.45% Sodium Chloride with added potassium as per chart below.											
<b>Potassium Replacement</b>											
<input type="checkbox"/> Adjust potassium content in maintenance IV fluid as follows:											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Serum Potassium (mmol/L)</th> <th>Potassium Concentration</th> </tr> </thead> <tbody> <tr> <td>Less than 3</td> <td>40 meq/L and call MD</td> </tr> <tr> <td>3 - 3.9</td> <td>40 meq/L</td> </tr> <tr> <td>4 - 5.5</td> <td>20 meq/L</td> </tr> <tr> <td>Greater than 5.5</td> <td>No added potassium but recheck serum potassium in 2 hrs</td> </tr> </tbody> </table>		Serum Potassium (mmol/L)	Potassium Concentration	Less than 3	40 meq/L and call MD	3 - 3.9	40 meq/L	4 - 5.5	20 meq/L	Greater than 5.5	No added potassium but recheck serum potassium in 2 hrs
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<b>Insulin Therapy DO NOT stop insulin without an MD order</b>											
<input checked="" type="checkbox"/> <b>If K+ is less than 3.3 mmol/L</b> (give in addition to potassium containing maintenance fluid above) KCl 10 meq/100 mL over 30 min each x 4 doses <input type="checkbox"/> Baseline insulin infusion 0.1 units/kg/h = _____ units/h, q1h capillary blood glucose (Mix 50 units regular insulin in 50 mL D5W = 1 unit/mL) <input checked="" type="checkbox"/> <b>If after 2 hours Anion Gap has not decreased call MD to adjust insulin rate</b> <input checked="" type="checkbox"/> Discontinue patient's previous subcut insulin regimen, if applicable											

Submitter Name:	Date & Time	Order Verified by Signature:	Date & Time
Co-Signer Signature:	Date & Time	Scanner Signature:	Date & Time
		Transcriber Signature:	Date & Time

